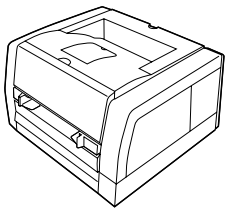
Setup Guide Laser Printer Model No. KX-P7100

Thank you for purchasing a Panasonic KX-P7100 Laser Printer.

■ Using the Manuals

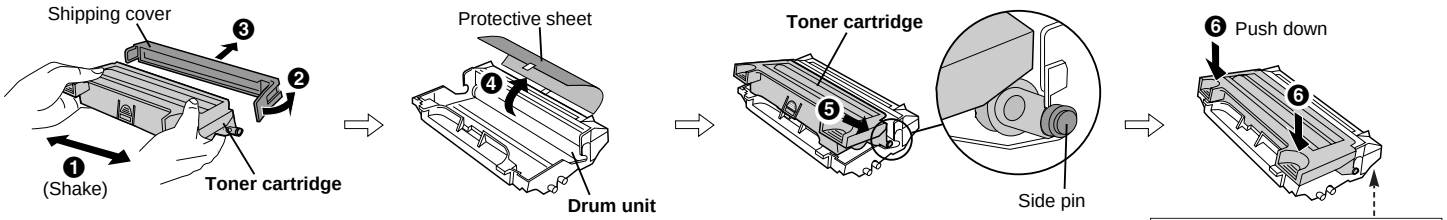


Setup Guide: Refer to this guide for basic setup procedures and necessary precautions for safety and use. **Be sure to read "For Your Safety" on the back of this guide** before setting up the printer and keep this document in a safe place for future reference.

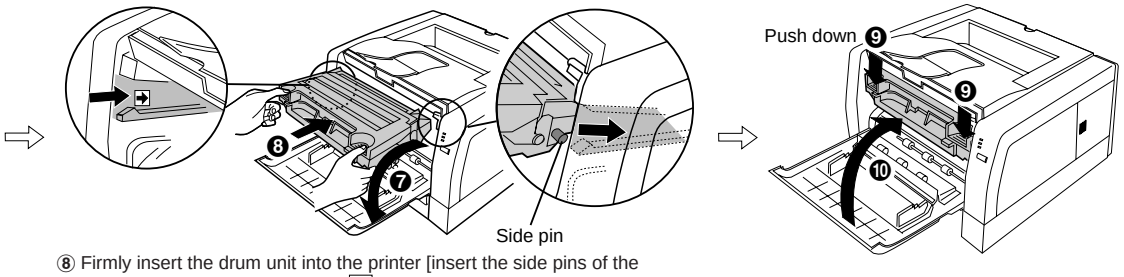
Operating Instructions: For detailed information, refer to the **Operating Instructions** installed on your computer (see "Step 3: Installing the Printer Software").

Step 1 Installing the Drum Unit and Loading Paper

■ Installing the Toner Cartridge and Drum Unit

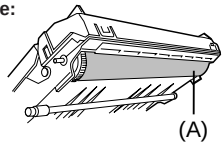


⑤ Insert the side pins of the toner cartridge into the slots of the drum unit.



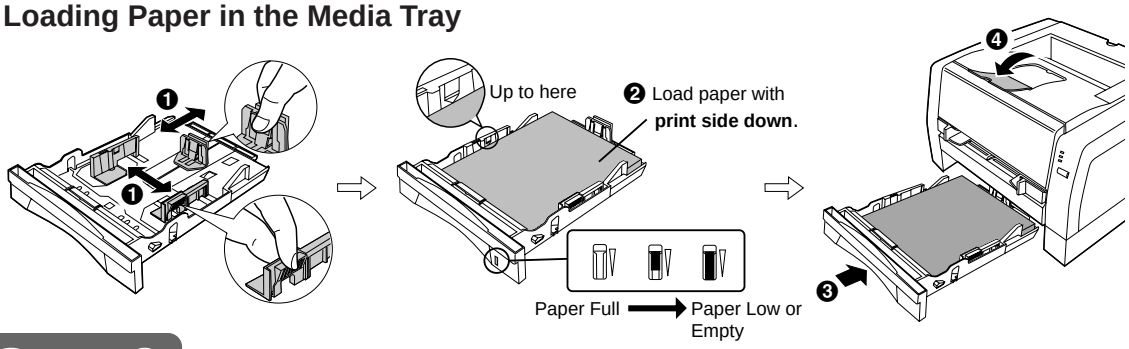
⑧ Firmly insert the drum unit into the printer [insert the side pins of the drum unit into the groove (label ➔)].

Note:



To prevent damage to the drum unit,
- Do not touch the black drum surface (A).
- Do not expose to light for more than 5 minutes.
- Do not expose to direct sunlight.

■ Loading Paper in the Media Tray



Note:
- Paper, Transparencies or Envelopes can be loaded in the media tray.
- When loading legal paper, see "Loading Media and Printing" of "Settings and Printing" in the Operating Instructions.

Step 2 Connecting Cables

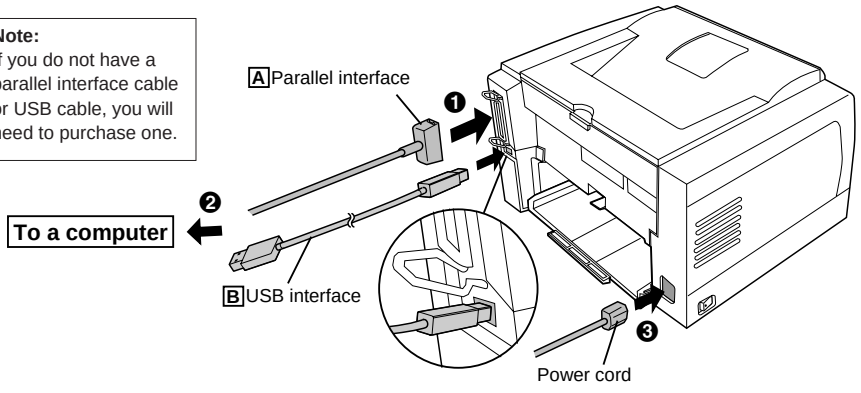
A When using the parallel interface cable:

Note:
- Use a shielded cable 2.0 m (6.6 ft) or less in length.
- The printer may not print when connected to a switch box, network print server or other device. To ensure reliability of the printer, connect it directly to the computer USB or Parallel port only.

B When using the USB interface cable:

Note:
- Use a shielded cable 5.0 m (16.4 ft) or less in length.
- Windows® 98*1, Windows Me*2 or Windows 2000*3 is required for a USB connection.
- Please note that if more than one KX-P7100 printers are connected in a USB tree, only one of those printers will perform the print job.

Note:
If you do not have a parallel interface cable or USB cable, you will need to purchase one.



*1 Microsoft® Windows® 98 operating system (hereafter Windows 98)
*2 Microsoft® Windows® Millennium Edition operating system (hereafter Windows Me)
*3 Microsoft® Windows® 2000 operating system (hereafter Windows 2000)

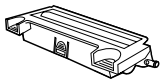
Printed in China PJQQB0002ZA S0501B0 M

Panasonic

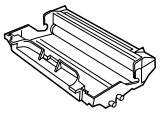
■ Contents

Make sure that all accessories shown below were provided and have not been damaged. Report damage or shortages to the toll free help number located on the back of this guide. Please record important information about your printer in the space provided below.

Note:
Save the original carton and packing materials for future shipping and transporting of the unit. They have been specifically designed to protect the equipment during shipment.

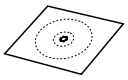


Toner cartridge
[KX-PDP7 (For U.S.A) /
KX-PDP8 (For other countries)]

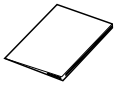


Drum unit
(KX-PDM7)

Power cord



Printer CD-ROM



Setup Guide

Step 3 Installing the Printer Software

Note:
• To open and read the KX-P7100 Operating Instructions manual on your screen, install the Acrobat Reader program provided on the CD-ROM.

A When using the parallel interface cable:

❶ (1) Start Windows*1.
(2) Quit all applications.
(3) Insert the **CD-ROM** provided into the CD-ROM drive.

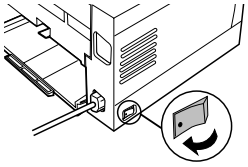
*1 Microsoft® Windows® operating system (hereafter Windows)

❷ Click the desired software on the screen to install.

Note:
• If the setup window is not displayed automatically, double click **My computer** icon, then double click the drive (example *D:*) for CD-ROM

❸ Follow the instructions on the screen to complete the installation.

❹ Turn the printer **on**.



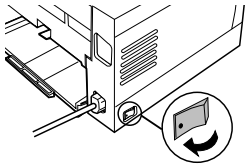
❺ (1) Click **Start - Programs - Panasonic - Panasonic KX-P7100 - Printer Console**.
(2) Click **TEST** icon to print a test page.

B When using the USB interface cable (for Windows 98/Windows 2000/Windows Me):

❶ Perform step ❶ of A above.

❷ Exit the setup window to setup the USB port first.

❸ Turn the printer **on**.
The wizard window appears.



❹

For Windows 98

(1) Click **Next>**.
(2) Click on the **Search for the best driver for your device** check button and click **Next>**.
(3) Click on the **Specify a location** check box.
(4) Click **Browse** and select **Win98usb** folder [D (CD-ROM) / Win9x / English / Win98usb]. Click **OK**.
(5) Click **Next>**.
(6) Click **Next>**, then click **Finish**.

For Windows 2000

(1) Click **Next>**.
(2) Click on the **Search for a suitable driver for my device** check button and click **Next>**.
(3) Confirm the **CD-ROM drive** is checked and click **Next>**.
(4) Click **Next>**, then click **Finish.**

For Windows Me

(1) Click on the **Automatic search for a better driver** check button and click **Next>**.
(2) Click **OK**.
(3) Click **Finish**.

❺ Follow the instructions on the screen to complete the installation.

❻ Print a test page.
See step ❺ of A above.

Note:
When using KX-P7100 printer and other USB device simultaneously, we cannot guarantee normal printing.

■ Using the Printer Software

Accessing the Printer Software

The printer is accessed from **Programs** menu or **task bar** in Windows. For the detailed information, refer to the Operating Instructions.

From Programs Menu

Programs ► — Panasonic ► — Panasonic KX-P7100 ►

- Operating Instructions
- Printer Console
- Setup Guide
- Status Display
- Uninstall printer driver and utility

On Task Bar

: The Printer Status Display will remain in the task bar and pop-up if an error occurs.

■ System Requirement

To operate the printer effectively, see the following:

CPU	Pentium 133 MHz or greater
Operating System:	Windows 95*1, Windows 98, Windows Me, Windows NT® 4.0*2 or Windows 2000
Memory	16 MB or more (More than 32 MB is recommended.)
Drive:	CD-ROM drive

*1 Microsoft® Windows® 95 operating system (hereafter Windows 95)
*2 Microsoft® Windows NT® operating system Version 4.0 (hereafter Windows NT 4.0)

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. (ENERGY STAR is a U.S. registered mark.)

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- Adobe, the Adobe logo, Acrobat, and the Acrobat logo are trademarks of Adobe Systems Incorporated.
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Acrobat® Reader copyright © 1987-1999 Adobe Systems Incorporated. All rights reserved.

The instructions are subject to change without notice.

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The serial number is located on the label on the rear of the printer. For your convenience, record the number below and keep this guide along with your proof of purchase, in the event of a theft or for future reference.

MODEL NO. **KX-P7100** NAME OF RESELLER
SERIAL NO. DATE OF PURCHASE

For Your Safety

General

Warning
To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.

Caution
Do not open covers and do not attempt to repair the unit yourself. Refer servicing to qualified personnel.

Power Source

Warning
- The power source voltage of this unit is listed on the nameplate (located on the rear of the printer). Only plug the unit into an outlet with the proper voltage. The voltage level of the power source must not vary more than ±10% from the proper voltage level.
- When you operate this equipment, the outlet should be near the equipment and accessible.
- To ensure safe operation the AC cord supplied must be inserted into standard three-prong AC outlet which is effectively grounded (earthed) through the normal wiring.
- The fact that the equipment operates satisfactorily does not imply that the power point is grounded (earthed) and that the installation is completely safe. For your safety, if in any doubt about the effective grounding (earthing) of the power point, consult a qualified electrician.
- If the plug cannot be inserted into the AC outlet, contact a licensed electrician to replace the outlet with a properly grounded (earthed) one.
- Do not defeat the purpose of the grounding (earthing) plug (ex. do not use a conversion plug).
- Do not use an extension cord.

(220 - 240 V equipment)

A certified power supply cord has to be used with this equipment. The relevant national installation and/or equipment regulations shall be considered. A certified power supply cord not lighter than ordinary polyvinyl chloride flexible cord according to IEC 60227 (designation H05VV-F 3G 0.75 mm^2 or 1.0 mm^2.

Laser Safety

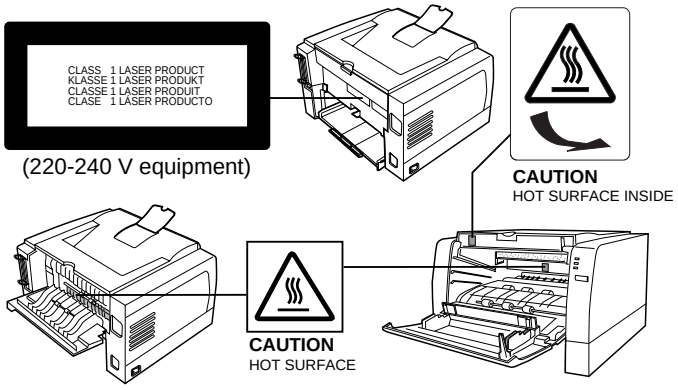
Caution
This printer utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser radiation exposure.

Laser diode properties	
Laser output:	5 mW max
Wavelength:	785 nm
Emission duration:	Continuous

Ozone Release

Warning
Make sure that the printer is installed in a well ventilated room so as not to increase density of ozone in the air. Since ozone is heavier than air, it is recommended that air at floor level be ventilated.

Caution Labels



FOR USERS IN U.K.

IMPORTANT:
FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY

This printer is supplied with a moulded three pin mains plug for your safety and convenience. A 5 amp fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps and that it is approved by ASTA or BSI to BS 1362.

Check for the ASTA mark or the BSI mark on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 5 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.

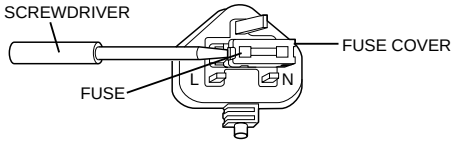
WARNING: THIS APPLIANCE MUST BE EARTHED.
IMPORTANT: The wires in this mains lead are coloured in accordance with the following code.

Green-and-Yellow: Earth Blue: Neutral Brown: Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.
The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol , or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse.



FOR USERS IN UNITED STATES

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the dealer or an experienced radio/TV technician for help.

The user may find the booklet “Something About Interference” available from FCC local regional offices helpful.

FCC Warning: To assure continued FCC emission limit compliance, the user must use the recommended shielded interfacing cable when connecting to a host computer. Also, any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

FCC Declaration of Conformity

Trade Name :	Panasonic
Model Number :	KX-P7100
Responsible Party:	Matsushita Electric Corporation of America One Panasonic Way Secaucus, NJ 07094 U.S.A.
Telephone No.:	1-800-726-2797

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Technical Support Calls

If you have read this manual and tried the troubleshooting procedures and you are still having difficulty, please contact the reseller from which the unit was purchased. You may also call the end user technical support telephone number which is operational during East Coast business hours (9:00 AM to 7:00 PM).
The end user technical support number is 1-800-PANASYS.
This number is available within the U.S. only.

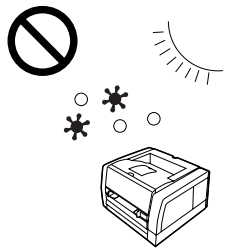
FOR USERS IN AUSTRALIA

N52

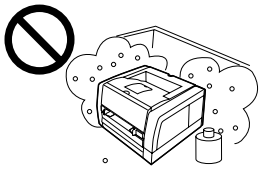
This mark shows that the product complies with AS/NZS 3548.

Cautions

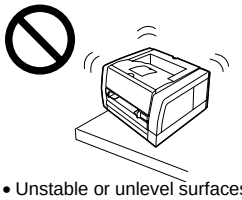
To avoid machine malfunction, do not use the equipment under the following conditions:



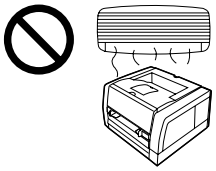
- Direct exposure to sunlight.
- Extremely high or low temperature [temperature range: 10°C to 32.5°C (50°F to 90.5°F)]
- Extremely high or low humidity. (humidity range: 20% to 80% RH)
- Condensation due to rapid change of temperature.



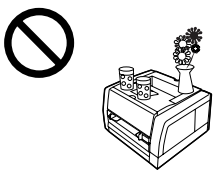
- Areas of poor ventilation.
- Areas of high dust or chemical fume concentration. (solvent etc.)



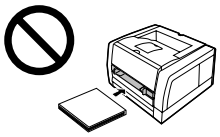
- Unstable or unlevel surfaces.



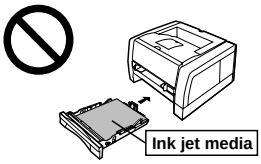
- Directly in front of air conditioning vents.



- Liquids near the equipment.



- Insert a stack of media into the manual feed. (Insert a media one by one.)



- Media for ink jet (paper, transparency, etc.) or transparency for color laser printer; it may be wrapped around the fuser roller and cause damage.

- Any toner other than genuine Panasonic toner; it may damage the printer.

Troubleshooting

For detailed information, refer to the “Maintenance and Specifications” section of the Operating Instructions installed on your computer.

Error Indication

Indicators	Possible Cause	Recovery
READY / ERROR / TONER/DRUM UNIT	Front cover is open.	Close the front cover.
READY / ERROR / TONER/DRUM UNIT	Media tray is empty.	Load media in the media tray and press the **CONTINUE** button (press for less than 5 seconds).
READY / ERROR / TONER/DRUM UNIT	Printer failed to feed a media from the media tray.	Load media in the media tray and press the **CONTINUE** button (press for less than 5 seconds).
READY / ERROR / TONER/DRUM UNIT	Media jam has occurred.	Remove the jammed media, then open the front cover and close it.
READY / ERROR / TONER/DRUM UNIT	RAM overflow or overrun has occurred.	Press the **CONTINUE** button (press for less than 5 seconds).
READY / ERROR / TONER/DRUM UNIT	Internal error has occurred.	Turn the power off for a few seconds then on again. If the error continues, call for service.
*1 READY / ERROR / TONER/DRUM UNIT	Toner is low.	Replace the toner cartridge soon.
*1 READY / ERROR / TONER/DRUM UNIT	Drum unit is wearing out.	Replace the drum unit soon.
READY / ERROR / TONER/DRUM UNIT	Drum unit is not installed.	Install the drum unit.
READY / ERROR / TONER/DRUM UNIT	Toner is empty.	Replace the toner cartridge now.
READY / ERROR / TONER/DRUM UNIT	Drum unit is worn out.	Replace the drum unit now.
READY / ERROR / TONER/DRUM UNIT	Drum unit is worn out and toner is empty.	Replace the drum unit and toner cartridge now.

:Indicator is lit. :Indicator is blinking (with an interval of 1 second). :Indicator is turned off.

*1 The indication varies depending on the printer status.

Supplies

Use of supplies other than genuine Panasonic supplies can damage the printer. This will void the warranty of the printer and supplies.

■ Static Electricity Damage

To prevent static electricity damage to any of the following components, touch a grounded metal surface, such as the printer’s bare metal frame prior to touching the component.

- The interface connectors: parallel and USB
- Electrical components, connectors inside the printer

■ Interface Cable

Always use a shielded interface cable.

Use of an unshielded cable can result in radio interference with data.

■ Power Source

Do not use a line conditioner, transient suppressor or surge protector as it may cause a machine error.

■ Ventilation Space

The ventilation space needed is more than 20 mm (0.8˝) between the printer and a wall.

Please DO NOT return your product to the store!

Returning this product is expensive and time consuming for you, your retailer and for us, the manufacturer. Should you encounter any problems with your new product, please refer to the Operating Instructions.

If you still need assistance, call our toll free “HELP” line at:

please call:

In the U.S.: 1-800-726-2797

In U.K.:
Call the Service Hotline: 08709 097357 or e-mail: document.support@panasonic.co.uk

Panasonic Digital Imaging Solutions Company
Business Unit of Matsushita Electric Corporation of America
Two Panasonic Way, Secaucus, New Jersey 07094

To locate your nearest sales dealer
CALL 1-800-742-8086
To order consumables
CALL 1-800-833-9626
For technical support
CALL 1-800-726-2797

Panasonic Sales Company (PSC)
Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infatería, Km. 9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario, L4W 2T3
http://www.panasonic.ca

Matsushita Electric Industrial Co., Ltd.
Web Site : http://www.panasonic.co.jp/global/

World Wide Web Support:
http://www.kme.panasonic.co.jp/saga/english/index.htm